

EMISSION-MONITORING SYSTEM AND METHOD FOR TRANSFERRING DATA

Abstract

A system and a method for transferring data in an emission-monitoring system from a first computer to a second computer are provided. The method includes generating a first message containing a first software variable having a first site-specific value that is transmitted from the first computer to the second computer. The first site-specific value is indicative of whether one of a fault event, a maintenance event, or a calibration event associated with the first computer has occurred. The method further includes receiving the first message at the second computer, the second computer storing the first site-specific value in a first record of a first database. The first record is associated with the first software variable. The method further includes determining whether the first site-specific value indicates that an event has occurred. Finally, the method includes if the first site-specific value indicates that an event has occurred, then generating a second software variable having both a first predetermined name and a value equal to a first standardized value indicating that an event

has occurred, else generating a third software variable having both the first predetermined name and a value equal to a second standardized value indicating that an event has not occurred.